Circommunity White Paper & DAO Proposal

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🌍 Executive Summary

Circommunity is a modular, open-source infrastructure system designed to accelerate Sustainable Development Goals (SDGs) through decentralized energy, civic technology, and regenerative design. Powered by layered energy harvesting systems—including solar, piezoelectric, thermoelectric, triboelectric, and quantum harmonic modules—Circommunity transforms urban surfaces into intelligent, self-powered nodes. This white paper outlines the architecture, deployment strategy, and impact model for funders, civic networks, and global partners.

🌱 Vision

To create a network of self-sustaining, consciousness-responsive cities that regenerate ecosystems, empower communities, and harmonize technology with life.

⚙️ Core Technologies

- **Layered Energy Skins**: Solar–Piezo–Thermo–Tribo modules for ambient harvesting
- **Quantum Harmonic Energy Generator (QHEG)**: Zero-point and scalar energy core
- **AI Exergy Dashboard**: Real-time environmental feedback and energy routing
- **Hybrid Storage**: Supercapacitors + solid-state batteries
- **Modular STL Infrastructure**: Printable components for global replication

🛒 Product Ecosystem

- EnerSkin Panels
- Harmonic Wearables
- Quantum Field Beds
- Swarm Drone Chargers
- Smart Benches & Kiosks
- SDG Totem Sculptures
- Smart Soil Sensors
- Energy-Skin Furniture
- BuckyBall Swarm Lights

- Open-source QHEG Kits

🚀 Deployment Strategy

- **Phase 1**: Launch demonstrator node in Fayetteville, GA
- **Phase 2**: Expand to civic campuses, parks, and maker zones
- **Phase 3**: Global replication via STL library and DAO governance

🌍 SDG Impact Matrix

SDG	Circommunity Contribution
7 – Clean Energy	Decentralized harvesting and zero-point generation
11 – Sustainable Cities	Modular infrastructure and civic tech nodes
3 – Good Health	Biofield-responsive zones and trauma-informed pods
13 – Climate Action	Passive harvesting and ecosystem regeneration
4 – Education	Youth labs and open-source demonstrators
17 – Partnerships	DAO governance and global replication

💰 Funding Request

Seeking $250,000 in seed funding to launch Phase 1 demonstrator node, develop STL modules, and activate DAO governance.

📣 Call to Action

We invite funders, civic networks, and regenerative technologists to co-create the future of cities. Circommunity is not just infrastructure—it's a movement.

🏛️ DAO Proposal: Circommunity Demonstrator Node

Proposal Title: Launch Circommunity Demonstrator Node in Fayetteville, GA **Submitted by**: Ronald Yarborough III **Date**: September 9, 2025

📜 Summary

This proposal seeks DAO approval and funding to launch the first Circommunity demonstrator node—a modular, regenerative infrastructure hub powered by layered energy systems and quantum harmonic technology. The node will serve as a proof-of-concept for SDG acceleration, civic engagement, and decentralized governance.

Location

Fayetteville, Georgia – selected for its civic openness, maker culture, and replicability potential.

Components

- EnerSkin sidewalk panels
- Quantum Field Bench Node
- SDG Totem sculpture
- Smart Soil sensor garden
- Open-source QHEG demonstrator kit
- AI dashboard for energy and SDG metrics

Funding Request

Total Ask: $250,000

- $100K – Fabrication and deployment
- $50K – AI dashboard and sensor integration
- $50K – STL module development and documentation
- $50K – DAO governance setup and community onboarding

Governance

- DAO members vote on future expansions, upgrades, and partnerships
- All STL modules and protocols released under open-source license
- Local community invited to co-govern via DAO onboarding sessions

Outcomes

- Real-time SDG impact visualization
- Open-source replication toolkit
- Civic engagement and education programs
- Proof-of-concept for regenerative urbanism